

WHAT IS CLAIMED IS:

- 1 1. An evaporative cooler comprising:
2 a housing having a top, a bottom, a front panel, a rear panel
3 and a first and second side extending between the front and rear panels;
4 at least one media cabinet being movable in and out of an
5 area defined by the top, bottom, front and rear panels, the media cabinet
6 having a longitudinal axis extending between the top and bottom
7 a rigid media being removably received in the media cabinet
8 along the longitudinal axis.
- 1 2. The apparatus of claim 1, wherein the media cabinet includes a
2 bottom panel, a front wall and a rear wall having an inner edge and
3 an outer edge, a side wall extending between the front and rear
4 walls proximate the outer edge.
- 1 3. The apparatus of claim 2, wherein the media cabinet includes a pair
2 of flanges extending from the inner edges of the front and rear wall
3 respectively toward one another.
- 1 4. The apparatus of claim 3, wherein the rigid media is located
2 between the pair of flanges and the side wall in an in-use position.
- 1 5. The apparatus of claim 4, wherein the rigid media is supported by
2 the bottom panel in the in-use position.
- 1 6. The apparatus of claim 4, wherein the media cabinet is pivotally
2 coupled to the housing allowing the media cabinet to pivot outward
3 of the housing between a vertical position to a non-vertical
4 position.

- 1 7. The apparatus of claim 4, wherein the media cabinet is pivotally
2 coupled to the housing proximate a bottom region of the media
3 cabinet along an axis perpendicular to the front and rear walls of
4 the housing.
- 1 8. The apparatus of claim 6, wherein the media cabinet includes a
2 support leg extending from the bottom panel, the support leg being
3 configured to rest upon a base panel of the housing to at least
4 partially support the media cabinet.
- 1 9. The apparatus of claim 7, wherein the housing includes a
2 removable top portion to provide access to the rigid media in a
3 vertical position.
- 1 10. The apparatus of claim 1, wherein the media cabinet includes a
2 side panel having at least one opening configured to allow air to
3 enter therethrough.
- 1 11. An evaporative cooler comprising:
2 a housing including a front panel and an opposing rear panel
3 configured to be attached to a building structure, the housing further
4 including a first and second side extending between the front and rear
5 panels;
6 a blower located within the housing;
7 a first and second evaporative media pad proximate the first
8 and second sides of the housing respectively;
9 a water distribution system including a water pump
10 configured to pump water to at least one nozzle located above the media
11 pads to permit water to flow downwards through the pads; and
12 a first and second media cabinet coupled to the housing and
13 movable from a vertical in-use position to a non-vertical position, the first

14 and second evaporative media pads being removably received in the first
15 and second media cabinets respectively.

1 12. The apparatus of claim 11, wherein each media cabinet is pivotally
2 coupled to the housing allowing each media cabinet to pivot
3 outward of the housing between a vertical position to a non-vertical
4 position.

1 13. The apparatus of claim 11, wherein the first and second media
2 pads are rigid media pads.

1 14. The apparatus of claim 13, wherein each media cabinet includes a
2 side wall facing outward, a front wall and a rear wall.

1 15. The apparatus of claim 14, wherein each media cabinet includes a
2 pair of flanges extending inwardly distal the first and second sides
3 of the housing respectively.

1 16. The apparatus of claim 15, wherein in an in-use position, the rigid
2 media pads are located between the pair of flanges and the side
3 wall.

- 1 17. An evaporative cooler comprising:
2 a housing, a blower, an evaporative media, and a media
3 wetting system;
4 a media cabinet including a front wall and a rear wall having
5 an inner edge and an outer edge, a side inlet wall extending between the
6 outer edges of the front and rear walls, and a first and second flange
7 extending inwardly toward one another from the front and rear walls
8 respectively;
9 wherein, a cavity region is defined by the front and rear walls
10 and the first and second flanges and the side inlet wall to support the
11 media pad in a vertical in-use position;
12 a pivot about which the orientation of the media can be
13 changed from a vertical to a non-vertical position.
- 1 18. The apparatus of claim 17, wherein the media pad is rigid.
- 1 19. The apparatus of claim 18, wherein the media cabinet is pivotally
2 coupled to the housing allowing the media cabinet to pivot outward
3 of the housing between a vertical position to a non-vertical
4 position.
- 1 20. The apparatus of claim 19, wherein the media cabinet is pivotally
2 coupled to the housing proximate a bottom region of the media
3 cabinet along an axis perpendicular to a front and rear panel of the
4 cooler housing.